MFT 3.4.0.0 Release Notes

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1. Supported Hardware and Software

1.1. Server Support

Supported Server Operating Systems

- Red Hat Enterprise Linux 6 and Red Hat Enterprise Linux 7 ES (x86_64) - upgrade or fresh install
- CentOS 6 and CentOS 7 (x86_64) - upgrade or fresh install

Provided Third-party Software

MFT packaging includes Oracle JRE 1.8 for installation efficiency.

- MFT is supported on Java 8. It is the responsibility of the customer to ensure that the Java version does not change, and that the JRE is upgraded when security vulnerabilities are fixed by Oracle.

General Hardware Requirements

- Servers must be certified for Red Hat Enterprise Linux 7 64-bit.
- Multiple processor cores for best concurrent connection handling.

- Gigabit Ethernet.

Single-host Minimum Server System Requirements

- Dual-processor and dual-core.
- 8GB RAM.

Multi-host Minimum Server System Requirements

- Web and Application Server
  - Dual-processor and dual-core.
  - 2GB (Web) or 4GB (App) RAM.
  - 40GB SAS (or sATA) RAID1 hard drive.
  - The administration WebApp may be run on a separate server or on one of the servers hosting the end user WebApp.
- Data Server
  - Dual-processor and dual-core.
  - 4GB RAM.
  - 80GB SAS RAID1 hard drive for system and database data.
  - 500GB SAS RAID5 hard drive for uploaded files (the suggested drive capacity will depend on the general file sizes, upload frequency, and storage periods).
  - The Data Server may be connected to a SAN.

Supported HSMs

HSM interoperability depends on the distributions supported by HSM manufacturers.

- Soft HSM
- HSM TrustWay Proteccio
- SafeNet Luna SA
- Thales nShield Connect

1.2. Desktop support

Supported Web Browsers (Administration Interface)

- Microsoft Internet Explorer 11 and Edge
- Mozilla Firefox 18 and above
- Google Chrome 24 and above

Supported Web Browsers (End-user Interface)

- Microsoft Internet Explorer 11 and Edge

- Mozilla Firefox 18 and above
- Google Chrome 24 and above
- Apple Safari 6 and 7
- Opera 12

> **Note**
>
> Please note that Web browsers with a version newer than the versions listed above should work. Users may experience some issues since newer Web browser versions could not be tested at the time of the software QA phase.

Supported Languages

- English
- French
- Russian (end-user interface only)

Supported Operating Systems to Decrypt Files

Encrypted files are downloaded as 7-zip files. To decrypt files, a 7-zip extractor is needed. We suggest using the following software:

- Windows : 7zip [http://www.7-zip.org/]
- MacOS : Keka [http://www.kekaosx.com/]
- Linux : p7zip [https://sourceforge.net/projects/p7zip/]

2. Release Notes for Version 3.4.0.0

Release Date: 05/11/2019

Release Number: 629c7c3

Java OTC Version: 3.9.0

OTC Version: 4.14.5

This section describes the new features, enhancements and corrections provided since the 3.3.6.6 version.

2.1. New Features

New upgrade mechanism: Application updates are now provided in the form of a self-extractable shell script. See the installation guide for more details.

Security: MFT's security has been hardened through both code optimisation and default configuration changes.

2.2. Fixed Issues

Zip encryption: temporary files are now properly deleted.

3. Known Issues

3.1. Defects

This section describes known defects.

- #20215 Edge downloads files, will have distorted filename, if they include characters not included in English. This is a browser issue.
- #1968 In a 64-bit environment, the Bull Cryptobox HSM library was found unstable. Bull CryptoBox HSMs are NOT supported on 64-bit Linux. This concerns the PDF signature feature.
- #1862 Due to browser cached resources, when upgrading from a 2.0.x or 2.5.x version of MFT, users may need to refresh the application Web page (F5 or CTRL-reload) to correctly load the user or admin application.
- #1849 Tomcat server inappropriately displays its version number on HTTP error (this is a Tomcat issue).
- #1547 If the time zone of the system is configured to use the format "Etc/GMT+X", then the product will not be able to start. It will fail with the error: "Cannot determine local time zone".

  Workaround: Use the "Country/Town" format, which is a good practice.
- #466 Accented characters in filenames are not correctly handled when the files are put in a ZIP archive.
- #407 Updating the localization files requires a Tomcat server restart: `service mft restart tomcat`.
- #3024 Cannot upload activity reports CSV files. In some cases, when an activity report contains too many criteria and too much data, then it is not possible to upload its CSV file.

3.2. Limitations

This section describes limitations due to the environment.

- #13321 Due to IE/Edge memory leaks, those browser must be avoid to upload huge file (>2Giga). This is a browser issue.

  Workaround: close browser beetweenn each huge file upload in order to free memory.
- #644 When configuring an LDAP Authentication Scheme Plugin, one must define the LDAP Client Connection to be used. However, it is possible to change the LDAP Client Connection name afterward, which will break the plugin's configuration.

  Workaround: Ensure that once an LDAP Authentication Scheme Plugin is configured, the LDAP Client Connections are never renamed.

- #654 With Safari, X.509 Authentication support is limited and may require the creation of an "Identity Preference" in the keychain. "Optional" X.509 authentication does not work with Safari. With Chrome, X.509 authentication support is limited and may or may not work depending on the platform.

4. Reference Information

4.1. Product Documentation

Title	Filename
MFT 3.3.6.6 Server Installation and Upgrade Guide	MFT_Server_Installation_and_Upgrade_Guide-3.3.6.6.pdf
MFT 3.3.6.6 Server Configuration Guide	MFT_Server_Configuration_Guide-3.3.6.6.pdf
MFT 3.3.6.6 End User Guide	MFT_End_User_Guide-3.3.6.6.pdf
MFT 3.3.6.6 System Maintenance Guide	MFT_System_Maintenance_Guide-3.3.6.6.pdf
MFT 3.3.6.6 Connectors Developer Guide	MFT_Connectors_Developer_Guide-3.3.6.6.pdf

4.2. Filename

The 3.3.6.6 distribution of MFT must be deploy as

Component	Filename
Base distribution	opentrust-mft-3.3.6.4.iso
Service pack	servicepack-mft-3.3.6.6.zip

5. Upgrade Information

5.1. Supported Upgrade Paths

MFT supports the following upgrade paths:

- 3.x to 3.4.0.0

To upgrade from an earlier version of the product, contact an assigned Equisign technical representative.

5.2. Issues Related to Upgrade

- #2512When installing the SMTP connector on a server where an MFT Web application is already installed, it is necessary to check the MFT server "Advanced Settings" (mail.smtp.host property): if it is set to "localhost," it must be changed to an external SMTP relay, since the SMTP connector is not designed to relay notification emails.
- See known defect #1862.

5.3. Upgrade Instructions

Please refer to the MFT3.3.6.6 Server Installation and Upgrade Guide for general upgrade instructions.